



## SAFETY DATA SHEET

### Sodium Acetate anhydrous

Ref.40027/4.0/REG\_USA/EU/EN

Revision Date: 07.10.2019

Previous date: 27.05.2015

Print Date: 07.10.2019

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#### **Section 1: Identification**

##### **Product information**

##### **Commercial Product Name**

Sodium Acetate anhydrous

##### **Reach Registration number:**

01-2119485123-42

##### **Relevant identified uses of the substance or mixture and uses advised against**

##### **Use of the Substance/Mixture**

Food additive

Pharmaceuticals

Catalyst

Detergent additive

Preservative

##### **Recommended restrictions on use**

Reserved for industrial and professional use.

##### **Details of the supplier of the safety data sheet**

Niacet b.v.

P.O. Box 60

4000 AB Tiel

NETHERLANDS

Telephone +31 344-615224, Telefax. +31 344-611475

tiel@niacet.nl

Niacet Corporation

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Niagara Falls, NY

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##### **Emergency telephone number**

For Niacet b.v.Tiel, The Netherlands products: +31 344-615224

For Niacet Corporation, Niagara Falls, U.S.A. products: +1 (800) 424 9300, +1 (202) 483-7616

#### **Section 2: Hazard(s) Identification**

##### **Classification of the substance or mixture**

**USA:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**EU:** Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.;

##### **Label elements**

**USA:** Not classified; No label required according to 29 CFR 1910.1200.

**EU:** Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

##### **Other hazards**

**Eyes;** May irritate eyes.



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#### **Section 3: Composition/Information on Ingredients**

**Substances :**

Sodium acetate : CAS 127-09-3

#### **Section 4: First-Aid Measures**

**Description of first aid measures**

**Inhalation**

Remove to fresh air. Keep patient warm and at rest. In case of feeling unwell consult a physician.

**Skin contact**

Rinse with water.

**Eye contact**

Rinse with plenty of water. If symptoms persist, call a physician.

**Ingestion**

Rinse mouth with water. Obtain medical attention.

**Most important symptoms and effects, both acute and delayed**

Symptoms : May cause eye irritation.

**Indication of immediate medical attention and special treatment needed, if necessary**

Treatment : No information available.

#### **Section 5: Fire-Fighting Measures**

**Extinguishing media**

Water spray, Foam, Dry Chemical or Carbon dioxide (CO<sub>2</sub>)

**Special protective actions for fire-fighters**

In the event of fire, wear self-contained breathing apparatus. Splashproof protective suit.

**Specific methods**

The product is flammable but not readily ignited.

#### **Section 6: Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. For personal protection see section 8.

**Environmental precautions**

Try to prevent the material from entering drains or water courses.

**Methods and materials for containment and cleaning up**

Sweep up and shovel into suitable containers for disposal. Smaller spills can be flushed away with plenty of water to remove the product.

#### **Section 7: Handling and Storage**

**Precautions for safe handling**

Keep container closed when not in use. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

**Conditions for safe storage, including any incompatibilities**

Keep tightly closed in a dry and cool place. Store in original container.

Materials to avoid: no data available

**Specific end uses**

Food additive, Additive, Preservative, Pharmaceutical, De-icing.



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#### **Section 8: Exposure Controls/Personal Protection**

##### **Exposure Limit Values**

No Limits set

##### **Exposure controls**

##### **Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment. Ensure that eyewash stations and safety showers are close to the workstation location.

##### **Individual protection measures, such as personal protective equipment**

##### **Hand protection**

Glove material: PVC

Glove material: Rubber gloves

##### **Eye protection**

Chemical resistant goggles must be worn.

##### **Skin and body protection**

Work clothing.

##### **Respiratory protection**

Respirator must be worn if exposed to dust.

#### **Section 9: Physical and Chemical Properties**

Appearance (physical state, color, etc.): white solid, powder, granules

Upper/lower flammability or explosive limits: No data available

Odor: vinegar-like

Vapor pressure: No information available

Odor threshold: No information available

Vapor density: No information available

pH: 8-9 (1% w/w)

Melting point/freezing point: 324°C / 615.2°F

Initial boiling point and boiling range: No information available

Flash point: No information available

Evaporation rate: No information available

Flammability (solid, gas): No information available

Upper/lower flammability or explosive limits: No data available

Vapor pressure: No information available

Vapor density: No information available

Relative density: 1520 kg/m<sup>3</sup> / 94.9 lb/ft<sup>3</sup>

Solubility(ies): 505 kg/m<sup>3</sup> (25°C) / 31.5 lb/ft<sup>3</sup> (77°F)

Partition coefficient: n-octanol/water: log Pow -3,72 / -3.72 (calculated)

Auto-ignition temperature: 607°C / 1124.6°F

Decomposition temperature: No information available

Viscosity: No information available

#### **Section 10: Stability and Reactivity**

##### **Reactivity**

No dangerous reaction known under conditions of normal use.

##### **Chemical stability**

Stable under normal conditions.



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#### Possibility of hazardous reactions

Hazardous reactions: None known.

#### Conditions to avoid

Conditions to avoid: Stable under recommended storage conditions.

The product is hygroscopic.

#### Incompatible materials

Materials to avoid: No data available

#### Hazardous decomposition products

Hazardous decomposition products: No data available

### Section 11: Toxicological Information

#### Information on toxicological effects

##### Acute toxicity

LD50/Oral/rat: 3.530 mg/kg

##### Irritation and corrosion

Skin:

Not classified as irritating for skin.

Eyes:

Not classified as irritating for eyes.

##### Sensitisation

No data available

##### Long term toxicity

No data available

#### Human experience

Inhalation

Exposure to dust at high concentrations. Symptoms: Irritation

Skin contact

Repeated or prolonged exposure,

May cause mild irritation. Eye contact

May cause mild irritation. Ingestion

Symptoms: Abdominal pain, vomiting

### Section 12: Ecological Information

#### Ecotoxicity effects

##### Aquatic toxicity

no data available

##### Toxicity to other organisms

no data available

#### Persistence and degradability

Biological degradability:

Readily biodegradable

#### Bioaccumulative potential

Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water: log Pow: -3,72 (calculated (EPI Suite V4.0))

#### Mobility in soil

##### Mobility

Water solubility: 505 kg/m<sup>3</sup> (25°C) / 31.5 lb/ft<sup>3</sup> (77°F)

Water soluble. Stays in water phase. non-volatile



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#### Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

#### Section 13: Disposal Considerations

##### Waste treatment methods

Product

Dispose of in compliance with local and national regulations.

#### Section 14: Transport Information

##### UN number

Land transport

Not classified as dangerous in the meaning of transport regulations

Sea transport

Not classified as dangerous in the meaning of transport regulations

Air transport

Not classified as dangerous in the meaning of transport regulations

#### Section 15: Regulatory Information

##### Safety, health and environmental regulations/legislation specific for the substance or mixture

Water contaminating class

WGK 1 slightly water endangering

(Germany)

#### Section 16: Other Information

Last revised on 07 October 2019 by Niacet EHSQ department

##### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.